

FORM 1449* O P E INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary) <i>SEP 07 2004</i>	Docket Number:	Application Number:
	11669.187USU2	09/888,358
	Applicant: ADAMS ET AL.	
Filing Date: 06/22/2001	Group Art Unit: 1634	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>LH</i>	5,364,934	11/15/1994	Drayna et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
16	WO 99/00123	01/07/1999	PCT				
16	WO 99/64458	12/16/1999	PCT				
16	WO 00/04037	01/27/2000	PCT				
16	WO 01/98355 A2	12/27/2001	PCT				
16	WO 01/98512 A2	12/27/2001	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

46		Andersson, B. et al., GenBank Accession No. AF070548 (1998)
		Appleby, R. et al., "Quantitation and origin of the mitochondrial membrane potential in human cells lacking mitochondrial DNA", <u>Eur. J. Biochem.</u> , 262:108-116 (1999)
		Boss, O. et al., "Uncoupling protein-3: a new member of the mitochondrial carrier family with tissue-specific expression", <u>FEBS Letters</u> , 408:39-42 (1997)
		Bouillaud, F. et al., "Molecular Approach to Thermogenesis in Brown Adipose Tissue: cDNA Cloning of the Mitochondrial Uncoupling Protein", <u>PNAS</u> , 82:445-448 (Jan. 1985)
		Carter, P. et al., "Improved oligonucleotide site-directed mutagenesis using M13 vectors", <u>Nucleic Acids Research</u> , 13(12):4431-4443 (1985)
		Cassard, A. et al., "Human Uncoupling Protein Gene: Structure, Comparison with Rat Gene, and Assignment to the Long Arm of Chromosome 4", <u>Journal of Cellular Biochemistry</u> , 43:255-264 (1990)
47		Chothia, C., "The Nature of the Accessible and Buried Surfaces in Proteins", <u>J. Mol. Biol.</u> , 105:1-14 (1976)

EXAMINER	<u>Samy Suh</u>	DATE CONSIDERED	<u>11/19/14</u>
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1 P E

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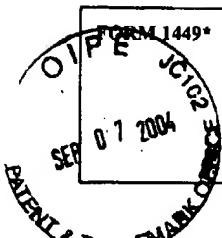
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SEARCHED **TRADEMARKS** **SEARCHED** **1 P E**

SEP 07 2004

86	Creighton, "Posttranslational Covalent Modifications of Polypeptide Chains", <u>Proteins: Structure and Molecular Properties</u> , WH. Freeman & Co., San Fran., CA, pp. 78-86 (1983)
	Cunningham, B., "High-Resolution Epitope Mapping of hGH-Receptor Interactions by Alanine-Scanning Mutagenesis", <u>Science</u> , 244:1081-1085 (June 2, 1989)
	Fleury, C. et al., "Uncoupling protein-2: a novel gene linked to obesity and hyperinsulinemia", <u>Nature Genetics</u> , 15:269-272 (March 15, 1997)
	Gimeno, R. et al., "Cloning and Characterization of an Uncoupling Protein Homolog", <u>Diabetes</u> , 46:900-906 (May 1997)
	Gong, D. et al., "Uncoupling Protein-3 is a Mediator of Thermogenesis Regulated by Thyroid Hormone, β 3-Adrenergic Agonists, and Leptin", <u>The Journal of Biological Chemistry</u> , 272(39):24129-24132 (Sept. 26, 1997)
	Gura, T., "Uncoupling Proteins Provide New Clue to Obesity's Causes", <u>Science</u> , 280:1369-1370 (May 29, 1998)
	Huizing, M. et al., "Human Mitochondrial Transmembrane Metabolite Carriers: Tissue Distribution and Its Implication for Mitochondrial Disorders", <u>Journal of Bioenergetics and Biomembranes</u> , 30(3):277-284 (1998)
	Iacobazzi, V. et al., GenBank Accession No. NM_003562 (1992)
	Iacobazzi, V. et al., "Sequences of the human and bovine genes for the mitochondrial 2-oxoglutarate carrier", <u>DNA Sequence</u> , 3(2):79-88 (1992)
	Jacobsson, A. et al., "Mitochondrial Uncoupling Protein from Mouse Brown Fat", <u>The Journal of Biological Chemistry</u> , 260(30):16250-16254 (1985)
	Jezek, P. et al., "Fatty acid cycling mechanism and mitochondrial uncoupling proteins", <u>Biochim. Biophys. Acta</u> , 1365:319-327 (1998)
	Kinney, J. et al., "Tissue fuel and weight loss after injury", <u>J. Clin. Path.</u> , 23(4):65-72 (1970)
	Palmieri, F. et al., "Transmembrane Topology, Genes, and Biogenesis of the Mitochondrial Phosphate and Oxoglutarate Carriers", <u>Journal of Bioenergetics and Biomembranes</u> , 25(5):493-501 (1993)
86	Palmisano, A. et al., "Targeting and assembly of the oxoglutarate carrier: general principles for biogenesis of carrier proteins of the mitochondrial inner membrane", <u>Biochem. J.</u> , 333:151-158 (1998)
	Piccininni, S. et al., "Assignment of the oxoglutarate carrier gene (SLC20A4) to human chromosome 17p13.3", <u>Cytogenet Cell Genes</u> , 83:256-257 (1998) <i>NOT CONSIDERED 86</i>
86	Runswick, et al., GenBank Accession No. AAA30672 (1990)
	Sanchis, D. et al., "BMCP1, a Novel Mitochondrial Carrier with High Expression in the Central Nervous System of Humans and Rodents, and Respiration Uncoupling Activity in Recombinant Yeast", <u>The Journal of Biological Chemistry</u> , 273(51):34611-34615 (1998)
	Vidal-Puig, A. et al., "UCP3: An Uncoupling Protein Homologue Expressed Preferentially and Abundantly in Skeletal Muscle and Brown Adipose Tissue", <u>Biochemical and Biophysical Research Communications</u> , 235:79-82 (1997)
86	Vidal-Puig, A. et al., "Energy Metabolism in Uncoupling Protein 3 Gene Knockout Mice", <u>The Journal of Biological Chemistry</u> , 275(21):16258-16266 (2000)

EXAMINER	<i>Emily A.</i>	DATE CONSIDERED	<i>11/19/04</i>
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46		Wells, J. et al., "Cassette mutagenesis: an efficient method for generation of multiple mutations at defined sites", <u>Gene</u> , 34:315-323 (1985)
		Wells, J. et al., "Importance of hydrogen-bond formation in stabilizing the transition state of subtilisin", <u>Phil. Trans. R. Soc. Lond.</u> , 317:415-423 (1986)
		Wolf, G., "A New Uncoupling Protein: A Potential Component of the Human Body Weight Regulation System", <u>Nutr. Rev.</u> , 55:178-179 (1997)
		Yu et al., "Overexpression of the human 2-oxoglutarate carrier lowers mitochondrial membrane potential in HE-293 cells: contrast with the unique cold-induced mitochondrial carrier CGI-69", <u>Biochem. J.</u> , 353:369-375 (2001)
		Zhang, C. et al., "Assessment of uncoupling activity of uncoupling protein 3 using a yeast heterologous expression system", <u>FEBS Letters</u> , 449:129-134 (1999)
46		Zollar, M. et al., "Oligonucleotide-directed mutagenesis using M13-derived vectors: an efficient and general procedure for the production of point mutations in any fragment of DNA", <u>Nucleic Acids Research</u> , 10(20):6487-6501



EXAMINER	<i>GM</i>	DATE CONSIDERED	11/19/04
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